

Product datasheet for **SC332446**

C19orf51 (DNAAF3) (NM_001256714) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C19orf51 (DNAAF3) (NM_001256714) Human Untagged Clone
Tag: Tag Free
Symbol: C19orf51
Synonyms: C19orf51; CILD2; DAB1; PCD; PF22
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332446 representing NM_001256714.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGCTTCCATTGCTTATTCTCGAAAAGGGCGGGGACTCTGGCAGCGTTGTGGAGTGCCCGGGTCT
CACAGTGTGCACTGAGCAGAGAGGAAGGGCGTCCCAGGATATTTGGAGGATAAAGGTGTGGCAAGG
GTGATGACCACACTGCCGGCTCCGGCAGCGGCTTCGGCTCCGTGTCTGGTGGGGCTGTCCCCGGC
CTGGACCTGCAGGCTGAAAGGGATGCTACGGTGGACGCTCTGCCAACCACCATGGTGCCCGAGCAGCT
GTCATCTTGCCAGGTCTCCTGTGGACCCAGACTCCAGGCCGATACAGTGCACAGCAACCCCGAGCTA
GATGTGCTGCTTCTGGGCTCTGTGGATGGACGGCACCTGTGCGGACCCTGTCCCAGCGAAGTTCTGG
CCTCGCAGGAGGTTCAACTTCTTTGTGCTGGAGAATAATCTGGAAGCTGTGGCCCGACACATGCTGATC
TTCAGCCTAGCCCTGGAGGAACCGGAGAAGATGGGGCTGCAAGAGCGAAGCGAGACCTTCTGGAAGTG
TGGGGGAACGCGCTGCTGCGCCCGCCAGTGGCCGCTTCGTGCGTGCCAGGCCGACCTGTGGCGCAC
CTGGTCCCAGCCGACCGCCTGGAGGAACAGCTGCCCTGGCTCAGCCTCCGCGCCCTCAAGTTCCGC
GAGCGGGATGCCCTGGAGGCCGATTCCGCTTCTGGGCTGGCGGGAGAAAGGGCCCCAGGCGTTCCCC
ATGAGCCGCTCTGGGACTCGCGCTGCGCCACTACCTGGGCTCCCGCTACGACGCCCGGCGCGGTGTC
AGCGACTGGGACCTGCGCATGAAGCTGCATGACCGCGGGCTCAAGTCATTCACCCCAAGGATTCGCA
CGCTGGCGGGACACAGGCGTCCCTTTGAACTCAGGGACTCCAGCGCCTATCATGTGCCAACCGGACC
CTGGCGTCCGGTCCGCTCCTGAGCTACCGTGGGAGCGCGTGGCAGCGCGCGGTACTGGGGGGACATC
GCCACGGGGCCCTTCGTGGCCTTCGGCATCGAAGCGGACGACGAGAGCCTCCTGCGGACGAGCAACGGC
CAGCCAGTCAAGACGGCCGGGGAGATCACTCAACACAACGTGACGGAGCTGCTCCGCGACGTGGCCGCC
TGGGGGCGCGGAGAGCCACCGGGGGGACCTGGAGGAGCAGCAGCAGCGGAGGGAAGCCCGGAGCCA
GGGACTCCAGCCCGACCCCGAATCTTTCACCGTCCACTTCTGCCGCTCAATTCTGCTCAGACTCTC
CACCACAAGAGCTGCTACAACGGCCGATCCAGCTCCTCTATGTGGCCTGTGGTATGGTCCATCTTCTC
ATCCCTGAGCTTGGGGCCTGTGTGGCACCCGGAGGGAACCTTGATTGTGGAATTAGCCCGTACCTGGTG
GACGTGCGGCAGGAGCAGCTGCAGGGATTCAACACCCGGTCCAGGAGCTAGCTCAGGCAGCTGGATTT
GCTCCACAGACCGGGGCCAGGCCTTCAGAGACCTTCGACGTTTTCTGCAAGTCCCAGGAATCAGCTCTG
GGCAACTGTCCAGCTGTGGAACCCGGAACCTCCGCCCTTGACATCCTGGCCAGCCTCTTGAAGCC
AGCAACCCAGCCCTTGAGGGCCTGACCCAGCCTCTGCAGGGTGGGACCCACACTGTGAGCCCTGCCAG
CTGCCCTCTGAGTCTCCAGGTTCACTCTCAGAGGTTCTGGCTCAGCCTCAGGGGGCCTTGGCTCCGCC
AACTGTGAGTCAGACTCCAAAACCTGGAGTGA
  
```



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001256714
Insert Size:	1827 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001256714.1
RefSeq Size:	2302 bp
RefSeq ORF:	1827 bp
Locus ID:	352909
UniProt ID:	Q8N9W5
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome
MW:	66.6 kDa
Gene Summary:	The protein encoded by this gene is required for the assembly of axonemal inner and outer dynein arms and plays a role in assembling dynein complexes for transport into cilia. Defects in this gene are a cause of primary ciliary dyskinesia type 2 (CILD2). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).